

Listing of Claims

1. (previously presented) An adjustable pedal assembly in combination with a vehicle having a driver's seat having selectable multiple driving positions and a vehicle floorboard, said pedal assembly including:

a track arrangement in said vehicle floorboard extending longitudinally and transversely with respect to said vehicle, and

one or more foot pedals movably mounted in said track arrangement for positioning said pedal or pedals with respect to said vehicle longitudinally and transversely along said track in accordance with the driving position selected; wherein said track arrangement includes a longitudinal track portion and a transverse track portion, and said one or more foot pedals includes a base movable forwardly and backwardly in the longitudinal track portion, and a post connected to the base and movable upwardly and downwardly with respect to the base, and a beam pivotally supported with respect to said base or said post; and wherein said beam is elongated transversely and splittable longitudinally.

2. (cancelled)

3. (cancelled)

4. (original) The adjustable pedal assembly of claim 1 further comprising at least three wheels on the vehicle, and an energy conversion system operable for motivating at least one of said wheels to move the vehicle, and wherein at least one of the one or more foot pedals is actuable by-wire to selectively operate said energy conversion system.

5. (withdrawn) The method of selling an originally manufactured vehicle to an end user consumer comprising:

selling a chassis having at least three wheels, an energy conversion system operable for motivating at least one of said wheels to move the vehicle, a braking system operable for braking at least one of said wheels to stop the movement of said vehicle;

selling a body matable with said chassis and having a configuration selectable by said consumer from an inventory of bodies of different configurations;

selling a seat matable with one of said chassis or said body and including features selectable by said consumer from an inventory of different features; and

said selling of said chassis, body and seat being independent of each other.

6. (withdrawn) The method of selling an originally manufactured vehicle having a body and chassis to an end user consumer comprising selling a seat for the vehicle to the consumer completely independently of the body and chassis.

7-12. (cancelled)

13. (withdrawn) A unitary vehicle seat and function control unit for a vehicle comprising:

a vehicle seat; and

an interface panel on the control unit being reconfigurable for a plurality of functions selected from the group consisting of driving, computer, working, entertaining, and child care.

14. (withdrawn) The unitary vehicle seat and function control unit of claim 13 wherein the unitary unit is selectively positionable at one of a plurality of positions within the vehicle.

15. (original) A foot pedal for use with a seat of a vehicle and comprising:

a base moveable forwardly and backwardly;

a post connected to the base and moveable upwardly and downwardly with respect to the base;

a beam pivotally supported with respect to the base and/or the post;

a first actuator connected to the base for moving the base;

a second actuator connected to the post and/or beam for pivoting the beam; and

a third actuator connected to the beam for expanding the surface area of the beam.

16. (original) The foot pedal of claim 15 wherein the base is further movable from side to side.

17. (original) The foot pedal of claim 16 wherein the base is moveable on a track in the vehicle.

18. (original) The foot pedal of claim 15 wherein the pivoting of the beam is part of an energy conversion system or braking system for the vehicle.

19. (withdrawn) The method of selling an originally manufactured vehicle to an end user consumer comprising:

selling a chassis having at least three wheels, an energy conversion system operable for motivating at least one of said wheels to move the vehicle, a braking system operable for braking at least one of said wheels to stop the movement of said vehicle;

selling a body matable with said chassis and having a configuration selectable by said consumer from an inventory of bodies of different configurations;

selling a seat matable with one of said chassis or said body and including features selectable by said consumer from an inventory of different features;

said selling of said chassis, body and seat being independent of each other; and

installing a reconfigurable by-wire foot pedal system on said chassis or said body selected by said consumer to accommodate said body and said seat selected by said consumer for operating said systems.

20. (cancelled)

21. (previously presented) A by-wire foot pedal system for a vehicle having a plurality of different driving locations, wherein at least one foot pedal is removably mounted in a vehicle floorboard for reconfiguration of the driving location, wherein the vehicle includes a plurality of driver interface points defining the different driving locations and at which the foot pedal is connectable.